

Table S1. Primers sequence used in this experiment.

Use of primers	Gene	Primer sequence (5'-3')
qPCR primer	<i>PxPI3K</i>	F: CACGCCTCAGCAGCACATCG R: CTCCTCTTGACCGCACACCTTG
	<i>PxJAK2</i>	F: GCCGCCAGATTACGAGAGGATTG R: GGAAGCCGACGATTCAATGAGAGG
	<i>PxmTOR</i>	F: CGACACAAGGACAGCGTCATGG R: GTAGAGGCGAGGTGGAGGGTTC
	<i>PxPTEN</i>	F: GAGACTGACCTGGCTGAAGACAAC R: TGTGTTCCGTGGGCGTTTGAG
	<i>PxAKT</i>	F: GCCGAACCACCAAGACCTTCTG R: GCCGCAGCACATCTCGTACAG
	<i>PxPDK</i>	F: CACTGCCCAAGACTACATT R: CCTCCTTTTCTCGTTTTAT
	<i>PxCdk5</i>	F: CATGTGGTCCGCTGGCTGTATC R: CGGCTTGTAGTCAGGCAGTTGG
	<i>PxNfkb</i>	F: GAGCATCACGGAGCAGCCATG R: GGTATGTCTTGGTGCGGTTACTGG
	<i>PxIKKα</i>	F: ACTGCTGGAGAAATGGTT R: ATCACTTTGCTTGCTCT
	T7 - <i>PxPI3K</i>	F: TAATACGACTCACTATAGGGGCCGGCTGGTCGAGGTGGTA R: TAATACGACTCACTATAGGGCAAAGTCTTTGCTCAGTCGC
	T7 - <i>PxJAK2</i>	F: TAATACGACTCACTATAGGGGAACGAAGCGACCATCACACT R: TAATACGACTCACTATAGGGTTTGGACAAGGTGGATCGGG
	T7 - <i>PxmTOR</i>	F: TAATACGACTCACTATAGGGACACGAGGACTTGCGACAAG R: TAATACGACTCACTATAGGGGGGATCTTCTCGGGGAACCTT
	T7 - <i>PxPTEN</i>	F: TAATACGACTCACTATAGGGTGGTGCTGAGCCCCGCGCCC R: TAATACGACTCACTATAGGGAGGGGCGCTCACCCGAGTCC
dsRNA primer	T7 - <i>PxAKT</i>	F: TAATACGACTCACTATAGGGGCGGGTGGAGGCGCCCGGGT R: TAATACGACTCACTATAGGGCATGGCATAAGCTTGCCCCG
	T7 - <i>PxNfkb</i>	F: TAATACGACTCACTATAGGGATGGCTGATGTGGAATGCGA R: TAATACGACTCACTATAGGGTAGCTCTGGGAGGTACGCTG
	T7 - <i>PxCdk5</i>	F: TAATACGACTCACTATAGGGTGAAGAAATACTTTGATAGT R: TAATACGACTCACTATAGGGTGCCATGGCATCGTCAGCTG
	T7 - <i>PxPDK1</i>	F: TAATACGACTCACTATAGGGCACCATCCCCAACAAGTCCA R: TAATACGACTCACTATAGGGACGGTGGAAGACCCGAAATC
	T7 - <i>PxIKKα</i>	F: TAATACGACTCACTATAGGGAGAACCGATGAAAACTCGC R: TAATACGACTCACTATAGGGTTCTCATGTGCCTTCTTTTT